

ETK-1 | 305529

ETK-1

Description	ETK-1 is a human cell line derived from a patient with Intrahepatic Cholangiocarcinoma (IHCCA). It is a highly tumorigenic cell line that grows as a monolayer in DMEM supplemented with 10% FBS. ETK-1 is characterized by its high proliferation rate and its ability to form xenografts in immunodeficient mice. ETK-1 is a highly tumorigenic cell line that grows as a monolayer in DMEM supplemented with 10% FBS. ETK-1 is characterized by its high proliferation rate and its ability to form xenografts in immunodeficient mice. ETK-1 is a highly tumorigenic cell line that grows as a monolayer in DMEM supplemented with 10% FBS. ETK-1 is characterized by its high proliferation rate and its ability to form xenografts in immunodeficient mice.
Organism	Human
Tissue	Colon
Disease	Colorectal Cancer
Metastatic site	Colon
Synonyms	ETK1

ETK-1

Age	61 years
Gender	Male
Ethnicity	Chinese
Growth properties	Adherent

ETK-1

Citation	ETK-1 (Cytion 305529)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1206

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Mutational profile p.Arg175His,

Culture Medium RPMI 1640, w: 2.0 mM , w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent Accutase, 5 , 37°C

Subculturing 1. 2-3 days after seeding, cells are ready for passaging. 2. Aspirate medium and wash cells with PBS. 3. Add 1 ml of Accutase to each well and incubate for 5 minutes at 37°C. 4. Add 1 ml of PBS to each well and aspirate cells into a tube. 5. Centrifuge at 300 x g for 5 minutes. 6. Resuspend cells in 1 ml of medium and seed into a new well.

Seeding density 1 3×10^4 cells/cm²

Fluid renewal 2-3 times per week

Post-Thaw Recovery 1. Thaw cells in a water bath at 37°C. 2. Add 1 ml of medium to each well. 3. Incubate for 24 hours. 4. Aspirate medium and wash cells with PBS. 5. Add 1 ml of medium and seed cells into a new well.

Freeze medium 1. Prepare freezing medium: 90% FBS + 10% DMSO. 2. Add 1 ml of freezing medium to each well. 3. Incubate for 24 hours. 4. Aspirate medium and wash cells with PBS. 5. Add 1 ml of freezing medium and seed cells into a new well.

Thawing and Culturing Cells

1. Thaw cells in a water bath at 37°C. 2. Add 1 ml of medium to each well. 3. Incubate for 24 hours. 4. Aspirate medium and wash cells with PBS. 5. Add 1 ml of medium and seed cells into a new well.
2. Thaw cells in a water bath at 37°C. 6. Add 1 ml of medium to each well. 7. Incubate for 24 hours. 8. Aspirate medium and wash cells with PBS. 9. Add 1 ml of medium and seed cells into a new well.
3. Thaw cells in a water bath at 37°C. 10. Add 1 ml of medium to each well. 11. Incubate for 24 hours. 12. Aspirate medium and wash cells with PBS. 13. Add 1 ml of medium and seed cells into a new well.
4. Thaw cells in a water bath at 37°C. 14. Add 1 ml of medium to each well. 15. Incubate for 24 hours. 16. Aspirate medium and wash cells with PBS. 17. Add 1 ml of medium and seed cells into a new well.
5. Thaw cells in a water bath at 37°C. 18. Add 1 ml of medium to each well. 19. Incubate for 24 hours. 20. Aspirate medium and wash cells with PBS. 21. Add 1 ml of medium and seed cells into a new well.
6. Thaw cells in a water bath at 37°C. 22. Add 1 ml of medium to each well. 23. Incubate for 24 hours. 24. Aspirate medium and wash cells with PBS. 25. Add 1 ml of medium and seed cells into a new well.
7. Thaw cells in a water bath at 37°C. 26. Add 1 ml of medium to each well. 27. Incubate for 24 hours. 28. Aspirate medium and wash cells with PBS. 29. Add 1 ml of medium and seed cells into a new well.

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Incubation
Atmosphere

37°C, 5%_{CO2}, 

Shipping
Conditions

 -78°C

Storage
Conditions

, ,  -150 °C 196  

   